

BRs	USPAT; EPO; JPO; Derwent; IBM TDB	L1	633	polariz\$ adj3 converter
BRs	USPAT; EPO; JPO; Derwent; IBM TDB	L2	16491	dichroic
BRs	USPAT; EPO; JPO; Derwent; IBM TDB	L3	57	1 and 2
BRs	USPAT; EPO; JPO; Derwent; IBM TDB	L4	97	etendue
BRs	USPAT; EPO; JPO; Derwent; IBM TDB	L5	5	3 and 4

Display of L5

US 5528720 A	USPAT	Tapered multilayer luminaire devices	385/146
US 5594830 A	USPAT	Luminaire device	385/146
US 5975703 A	USPAT	Image projection system	353/20
US 6002829 A	USPAT	Luminaire device	385/146
US 6044196 A	USPAT	Luminaire device	385/146

Display of L3

JP 11032348 A	A	DERWENT	Polarization converter for liquid crystal display device - includes source into primary colors at predefined angles of divergence to change polarization	dichroic mirror that divides light from light
EP 997768 A2		DERWENT	Illumination device for e.g. projection-type liquid crystal display has impinging light through a lens array onto a polarization converter and dichroic mirrors for separating	for displaying image on display device after modulation parallel lamps with parabolic mirrors colors
JP 07013158 A		JPO	LIQUID CRYSTAL PROJECTOR	
US 3741660 A		USPAT	MEASUREMENT MODE	CONVERSION OF CIRCULAR DICHROISM SPECTROPOLARIMETER TO LINEAR DICHROISM 356/364
US 4002914 A	USPAT	Transparency contrast enhancement system	250/461.1	
US 4059767 A	USPAT	Back-illuminated transparency contrast enhancement system	250/461.1	
US 4160254 A	USPAT	Microwave dichroic plate	343/909 ;	
US 4995718 A	USPAT	Full color three-dimensional projection display	353/31	
US 5042921 A	USPAT	Liquid crystal display apparatus	349/9	
US 5115305 A	USPAT	Electrically addressable liquid crystal projection system with high	efficiency and light output	348/751
US 5153752 A	USPAT	Projector	349/9	
US 5184248 A	USPAT	Image projection apparatus	359/483	
US 5200843 A	USPAT	Polarized synthesis in projection type liquid crystal displays	349/9	
US 5221982 A	USPAT	Polarizing wavelength separator	349/115	
US 5278680 A	USPAT	Projection type liquid crystal display system and method of polarized	light component projection	349/9
US 5347644 A	USPAT	Three-dimensional image display device and systems and methods for	implementation thereof	359/465
US 5375130 A	USPAT	Azimuthal and radial polarization free-electron laser system	372/2	
US 5397889 A	USPAT	Guided-wave photoreceptor based on quantum wells made of semiconductor	materials, particularly for coherent	
communications system with		polarization diversity	250/214.1	
US 5446510 A	USPAT	Image display apparatus	353/20	
US 5499256 A	USPAT	Polarized frequency-selective optical source	372/28	
US 5513196 A	USPAT	Optical source with mode reshaping	372/22	
US 5528720 A	USPAT	Tapered multilayer luminaire devices	385/146	
US 5544268 A	USPAT	Display panel with electrically-controlled waveguide-routing	385/4	
US 5594830 A	USPAT	Luminaire device	385/146	
US 5601351 A	USPAT	High-efficiency illumination device and image projection apparatus	comprising such a device	353/20
US 5621551 A	USPAT	Immersed dichroic system for single projection lens liquid crystal video	projector	349/7
US 5626408 A	USPAT	Illumination system for a color projection device and circular polarizer	suitable for use in such an illumination system, and	
color image	projection device	comprising such an illumination system and circular polarizer	353/20	
US 5647036 A	USPAT	Projection display with electrically-controlled waveguide routing	385/27	
US 5657160 A	USPAT	Polarization plane rotator applicable to polarization converter and	projection display system	359/487
US 5664032 A	USPAT	Display panel with electrically-controlled waveguide-routing	385/4	
US 5724463 A	USPAT	Projection display with electrically controlled waveguide-routing	385/27	
US 5748315 A	USPAT	Optical interference measuring apparatus and method for measuring	displacement of an object having an optical path	
separating system		356/484		
US 5749642 A	USPAT	Illuminating optical system and projector utilizing the same	353/98	
US 5828488 A	USPAT	Reflective polarizer display	359/487	
US 5833341 A	USPAT	Illuminating optical system and projector utilizing the same	353/98	
US 5835458 A	USPAT	Solid state optical data reader using an electric field for routing	control	369/44.12
US 5903388 A	USPAT	High efficiency electromagnetic beam projector and systems and method	for implementation thereof	
359/497				
US 5911018 A	USPAT	Low loss optical switch with inducible refractive index boundary and	spaced output target	385/16
US 5912910 A	USPAT	High power pumped mid-IR wavelength systems using nonlinear frequency	mixing (NFM) devices	
372/22				
US 5912997 A	USPAT	Frequency converter optical source for switched waveguide	385/15	
US 5928801 A	USPAT	Electroluminescent illumination system	428/690	
US 5940149 A	USPAT	Planar polarizer for LCD projectors	349/5	
US 5946129 A	USPAT	Wavelength conversion apparatus with improved efficiency, easy	adjustability, and polarization insensitivity	
359/332				
US 5946116 A	USPAT	1 X N digitally programmable optical routing switch	359/117	
US 5978524 A	USPAT	Phosphor RE-radiation in integrated optics	385/4	
US 5975703 A	USPAT	Image projection system	353/20	
US 6002829 A	USPAT	Luminaire device	385/146	
US 6007205 A	USPAT	Optical lens unit having internalized fan unit and projection apparatus	housing the same	353/57
US 6022110 A	USPAT	Projection color liquid crystal display apparatus	353/20	

US 6034818 A 359/497	USPAT	High efficiency electromagnetic beam projector, and systems and methods for implementation thereof	
US 6044196 A	USPAT	Luminaire device	385/146
US 6049404 A	USPAT	N+M digitally programmable optical routing switch	359/117
US 6078704 A	USPAT	Method for operating a display panel with electrically-controlled waveguide-routing	385/4
US 6081389 A	USPAT	Zoom lens of retrofocus type	359/680
US 6094240 A	USPAT	Liquid crystal display polarizing beam splitter with specific incidence angle	349/9
US 6100947 A	USPAT	Liquid crystal panel substrate, liquid crystal panel and electronic apparatus using the same	349/38
US 6104536 A	USPAT	High efficiency polarization converter including input and output lenslet arrays	359/619